

ATTORNEY DOCKET: 4007.001

Please delete the sequence listing presently on file and insert the sequence listing, which is attached herewith.

In the Claims (clean version):

12 2. (Amended). Isolated nucleic acid that encodes a protein which is functionally identical to a protein that occurs naturally in human keratinocytes and is increasingly expressed when the keratinocytes are in an activated state, wherein said protein has the nucleotide sequence indicated in either the SEQ ID NO:1 sequence protocol or the SEQ ID NO:4 sequence protocol, or a nucleotide sequence complementary to one of these two, or a partial sequence of one of these two indicated or complementary nucleotide sequences, said partial sequence comprising more than 8 nucleotides, or a nucleotide sequence that hybridizes under conventional stringent hybridization conditions wholly or in part with one of these aforementioned nucleotide sequences.

13 5. (Amended). Isolated nucleic acid according to claim 2, wherein the nucleic acid is a sense or antisense oligonucleotide, which encompasses more than 8 nucleotides, and hybridizes under conventional stringent hybridization conditions with the nucleotide sequence indicated in sequence protocol SEQ ID NO:1 or sequence protocol SEQ ID NO:4 or partial sequences thereof.

C^{at}
8. (Amended). Recombinant DNA vector molecule, which encompasses a nucleic acid according to claim 2, said DNA vector molecule having the ability to express a protein that occurs in human keratinocytes, wherein said protein is increasingly expressed when the keratinocytes are in an activated state, in particular protein pKe#122, in a prokaryotic or eukaryotic cell.

9. (Amended). Recombinant DNA vector molecule according to claim 8, wherein the vector molecule is the plasmid pUEX-1 or pGEX-2T or pBK-CMV or pHR2.

C⁵
17. (Amended). Reagent for the indirect detection of a protein that occurs in human keratinocytes, said protein being increasingly expressed in activated keratinocytes, in particular protein pKe#122, wherein the reagent encompasses at least one nucleic acid according to claim 2.

C⁶
18. Method for the diagnostic and/or therapeutic treatment in particular of dermatological diseases or for the cosmetic treatment in particular of the epidermis, comprising the steps of
(a) providing a sense or antisense oligonucleotide according to claim 5, and